CLAIMS

Please amend the claims as shown in the following claim listing.

1. (Currently amended) A method of operating a cooling system, comprising:

determining a cooling requirement of a computing system; and

controlling a vent valve of the cooling system to adjust flow of external ambient air for the computing system based on the cooling requirement.

2. (Currently amended) The method of claim 1, wherein the controlling includes adjusting an airflow resistance of one or more of a plurality of vent valves ~~to meet~~based on the cooling requirement.

3. (Currently amended) The method of claim 21, wherein the cooling requirement indicates a need for increased cooling of a first set of one or more components of the computing system, and the ~~adjusting~~controlling includes increasing airflow to the first set of one or more components and decreasing airflow to a second set of one or more components of the computing system~~, each of the first set and the second set including one or more components~~.

4. (Original) The method of claim 1, wherein the determining is based on operating system state data for the computing system.

5. (Original) The method of claim 1, wherein the determining is based on power management data for the computing system.

6. (Original) The method of claim 1, wherein the determining includes determining a cooling requirement of at least one of a notebook computer, a desktop computer, a server and a set-top box.

7. (Currently amended) A cooling system comprising:

a control module to determine a cooling requirement of a ~~mobile~~ computing system; and

a vent valve coupled to the control module, the control module to control the vent valve to adjust flow of external ambient air for the computing system based on the cooling requirement.

8. (Currently amended) The cooling system of claim 7, ~~further~~ including a plurality of vent valves, the control module to adjust an airflow resistance of one or more of the plurality of vent valves ~~to meet~~based on the cooling requirement.

9. (Currently amended) The cooling system of claim ~~8~~7, wherein the cooling requirement is to indicate a need for increased cooling of a first set of one or more components of the computing system, and the control module is to increase airflow to the first set of one or more components and decrease airflow to a second set of one or more components of the computing system~~, each of the first set and the second set to include one or more components~~.

10. (Currently amended) The cooling system of claim 8, ~~further~~ including a fan chassis having surfaces defining a plurality of vent apertures ~~corresponding to~~for the plurality of vent valves.

11. (Original) The cooling system of claim 7, wherein the control module is to determine the cooling requirement based on operating system state data for the computing system.

12. (Original) The cooling system of claim 7, wherein the control module is to determine the cooling requirement based on power management data for the computing system.

13. (Original) The cooling system of claim 7, wherein the vent valve includes:

a movable airflow barrier; and

a solenoid coil operatively coupled to the airflow barrier and the control module.

14. (Original) The cooling system of claim 7, wherein the vent valve includes:
a movable airflow barrier; and
a motor operatively coupled to the airflow barrier and the control module.

15. (Currently amended) A computing system comprising:
a housing having surfaces defining a vent aperture; and
a cooling system having a vent valve disposed adjacent to the vent aperture to adjust flow of external ambient air to cool one or more components of the computing system.

16. (Currently amended) The ~~computer~~computing system of claim 15, wherein the cooling system ~~further~~ includes a control module to determine a cooling requirement for the computing system and to control the vent valve based on the cooling requirement.

17. (Currently amended) The ~~computer~~computing system of claim 16, wherein the housing has surfaces defining a plurality of vent apertures and the cooling system has a ~~corresponding~~ plurality of vent valves, the control module to adjust an airflow resistance of one or more of the plurality of vent valves ~~to meet~~based on the cooling requirement.

18. (Currently amended) The ~~computer~~computing system of claim ~~17~~16, ~~further~~ including:
a first set of one or more components; and
a second set of one or more components, wherein if the cooling requirement indicates a need for increased cooling of the first set of one or more components, the control module is ~~to adjust the airflow resistance~~ to increase airflow to the first set of one or more components and decrease airflow to the second set of one or more components, and if the cooling requirement indicates a need for increased cooling of the second set of one or more components, the control module is ~~to adjust the airflow resistance~~ to decrease airflow to the first set of one or more

components and increase airflow to the second set of one or more components~~, each of the first set and the second set to include one or more components~~.

19. (Currently amended) The ~~computer~~computing system of claim 18, wherein the first set includes a processor die having a remote heat exchanger coupled to a heat-generating surface of the processor die.

20. (Currently amended) The ~~computer~~computing system of claim ~~17~~16, wherein the cooling system ~~further~~ includes a fan chassis having surfaces defining a plurality of vent apertures and the cooling system ~~further~~ includes a plurality of vent valves ~~corresponding to~~for the plurality of vent apertures, the control module to adjust an airflow resistance of one or more of the plurality of vent valves ~~to meet~~based on the cooling requirement.

21. (Currently amended) The ~~computer~~computing system of claim ~~17~~16, wherein the control module is to determine the cooling requirement based on operating system state data for the computing system.

22. (Currently amended) The ~~computer~~computing system of claim ~~17~~16, wherein the control module is to determine the cooling requirement based on power management data for the computing system.

23. (Currently amended) The ~~computer~~computing system of claim ~~16~~15, wherein the vent valve includes:

a movable airflow barrier; and

a solenoid coil operatively coupled to the airflow barrier~~ and the control module~~.

24. (Currently amended) The ~~cooling~~computing system of claim ~~16~~15, wherein the vent valve includes:

a movable airflow barrier; and

a motor operatively coupled to the airflow barrier ~~and the control module~~.

25. (Currently amended) The ~~cooling~~computing system of ~~claim~~claim 15, wherein the vent valve includes a manually operated airflow barrier.

26. (Currently amended) The ~~computer~~computing system of claim 15, wherein the computing system includes at least one of a notebook computer, a desktop computer, a server and a set-top box.

27. (Currently amended) A method of operating a cooling system, comprising:

determining a cooling requirement of a notebook computer; and

controlling a plurality of vent valves of the cooling system based on the cooling requirement by adjusting an airflow resistance of one or more of the plurality of vent valves ~~to meet~~based on the cooling requirement, where if the cooling requirement indicates a need for increased cooling of a first set of one or more components of the notebook computer, the adjusting increases airflow to the ~~individual component~~first set of one or more components and decreases airflow to a second set of one or more components of the notebook computer, and if the cooling requirement indicates a need for increased cooling of the second set of one or more components, the adjusting decreases airflow to the first set of one or more components and increases airflow to the second set of one or more components~~, each of the first set and the second set to include one or more components~~.

28. (Original) The method of claim 27, wherein the determining includes determining the cooling requirement based on operating system state data for the notebook computer.

29. (Original) The method of claim 27, wherein the determining includes determining the cooling requirement based on power management data for the notebook computer.

30. (Currently amended) A machine readable medium to store a set of instructions to be executed by a processor to:

determine a cooling requirement of a computing system; and

control a vent valve of the cooling system to adjust flow of external ambient air for the computing system based on the cooling requirement.

31. (Currently amended) The medium of claim 30, wherein the control of the vent valve is to include adjusting an airflow resistance of one or more of a plurality of vent valves ~~to meet~~based on the cooling requirement.

32. (Currently amended) The medium of claim ~~31~~30, wherein the cooling requirement is to indicate a need for increased cooling of a first set of one or more components of the computing system, and the ~~adjusting~~control is to include increasing airflow to the first set of one or more components and decreasing airflow to a second set of one or more components of the computing system~~, each of the first set and the second set to include one or more components~~.

33. (Original) The medium of claim 30, wherein the determining of the cooling requirement is to be based on operating system state data for the computing system.

34. (Original) The medium of claim 30, wherein the determining of the cooling requirement is to be based on power management data for the computing system.